



Declaration and Power of Attorney for Patent Application

English Language Declaration

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name,

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled

Apparatus and Method for Diagnosing Faults in Hot Strip Finishing Rolling

The specification of which

(check one)

- ☐ is attached hereto.
- ☒ was filed on November 20, 2003
as Application Serial No. 10/718,489
and was amended on November 20, 2003
(if applicable)
- ☐ was filed as PCT international application
No. _____ on _____
and was amended under PCT Article 19 on _____
(if applicable)

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the patentability of this application in accordance with Title 37, Code of Federal Regulations, §1.56(a).

I hereby claim foreign priority benefits under Title 35, United States Code, §119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

Prior Foreign Application(s)			Priority Claimed	
<u>2002-0072365</u>	<u>Korea</u>	<u>20 November 2002</u>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
(Number)	(Country)	(Day/Month/Year Filed)	Yes	No
<u>2002/0077708</u>	<u>Korea</u>	<u>09 December 2002</u>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
(Number)	(Country)	(Day/Month/Year Filed)	Yes	No
<u>2002/0077709</u>	<u>Korea</u>	<u>09 December 2002</u>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
(Number)	(Country)	(Day/Month/Year Filed)	Yes	No
<u>2002-0077710</u>	<u>Korea</u>	<u>09 December 2002</u>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
(Number)	(Country)	(Day/Month/Year Filed)	Yes	No
<u>2002/0077711</u>	<u>Korea</u>	<u>09 December 2002</u>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
(Number)	(Country)	(Day/Month/Year Filed)	Yes	No
<u>2002/0078299</u>	<u>Korea</u>	<u>10 December 2002</u>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
(Number)	(Country)	(Day/Month/Year Filed)	Yes	No

I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

(Application Serial No.)	(Filing Date)	(Status) (patented, pending, abandoned)
--------------------------	---------------	--

(Application Serial No.)	(Filing Date)	(Status) (patented, pending, abandoned)
--------------------------	---------------	--

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith. (list name and registration number)

William H. Logsdon	22,132	Russell D. Orkin	25,363	David C. Hanson	23,024
Frederick B. Ziesenheim	19,438	Richard L. Byrne	28,498	Kent E. Baldauf, Sr.	25,826
Barbara E. Johnson	31,198	Paul M. Reznick	33,059	John W. McIlvaine	34,219
Julie W. Meder	36,216	Lester N. Fortney	38,141	Randall A. Notzen	36,882
James G. Porcelli	33,757	Kent E. Baldauf, Jr.	36,082	Christian E. Schuster	43,908
Nathan J. Prepelka	43,016	Jessica M. Schroth	47,102	Kirk M. Miles	37,891
Gary F. Matz	45,504	Darrell E. Williams	45,222	Alka A. Patel	49,092
J. Matthew Pritchard IV	46,228	Alexander Detschelt	50,261	Philip J. Foret	51,689
Gwen R. Acker Wood	51,027	James J. Bosco	51,489	Patricia A. Olosky	53,411

Send Correspondence to:

William H. Logsdon, 700 Koppers Building, 436 Seventh Avenue, Pittsburgh PA 15219-1818

Direct Telephone calls to: (name and telephone number) **William H. Logsdon 412-471-8815**

Full name of sole or first inventor Cheol-Jae PARK	
Inventor's signature <i>Cheol-Jae Park</i>	Date <i>March 22, 2004</i>
Residence 1, Goedong-dong, Nam-gu, Pohang, Gyeongbuk, 790-785, Republic of Korea	
Citizenship Korea	
Post Office Address 1, Goedong-dong, Nam-gu, Pohang, Gyeongbuk, 790-785, Republic of Korea	
Full name of second joint inventor, if any Seong-Cheol HONG	
Inventor's signature <i>Seongcheol Hong</i>	Date <i>Mar. 22, 2004</i>
Residence 1, Goedong-dong, Nam-gu, Pohang, Gyeongbuk, 790-785, Republic of Korea	
Citizenship Korea	
Post Office Address 1, Goedong-dong, Nam-gu, Pohang, Gyeongbuk, 790-785, Republic of Korea	

(Supply similar information and signature for third and subsequent joint inventors.)

Full name of third joint inventor, if any Kwan-Soo KIM	
Inventor's signature <i>Kwan Soo Kim</i>	Date <i>Mar 22, 2004</i>
Residence 1, Goedong-dong, Nam-gu, Pohang, Gyeongbuk, 790-785, Republic of Korea	
Citizenship Korea	
Post Office Address 1, Goedong-dong, Nam-gu, Pohang, Gyeongbuk, 790-785, Republic of Korea	
Full name of fourth joint inventor, if any Kyu-Bum HAN	
Inventor's signature <i>Kyu Bum Han</i>	Date <i>Mar. 22, 2004</i>
Residence 1, Goedong-dong, Nam-gu, Pohang, Gyeongbuk, 790-785, Republic of Korea	
Citizenship Korea	
Post Office Address 1, Goedong-dong, Nam-gu, Pohang, Gyeongbuk, 790-785, Republic of Korea	
Full name of fifth joint inventor, if any Young-Jun JO	
Inventor's signature <i>Young Jun Jo</i>	Date <i>Mar. 22, 2004</i>
Residence 1, Goedong-dong, Nam-gu, Pohang, Gyeongbuk, 790-785, Republic of Korea	
Citizenship Korea	
Post Office Address 1, Goedong-dong, Nam-gu, Pohang, Gyeongbuk, 790-785, Republic of Korea	
Full name of sixth joint inventor, if any Seong-Gap CHOI	
Inventor's signature <i>Seong Gap Choi</i>	Date <i>Mar. 22, 2004</i>
Residence 1, Goedong-dong, Nam-gu, Pohang, Gyeongbuk, 790-785, Republic of Korea	
Citizenship Korea	
Post Office Address 1, Goedong-dong, Nam-gu, Pohang, Gyeongbuk, 790-785, Republic of Korea	
Full name of seventh joint inventor, if any Wakamiya YOSHINORI	
Inventor's signature <i>Wakamiya Yoshinori</i>	Date <i>Mar. 29, 2004</i>
Residence MITA43MT Building, 13-16 Mita 3-chome, Minato-ku, Tokyo 108-0073, Japan	
Citizenship Japan	
Post Office Address MITA43MT Building, 13-16 Mita 3-chome, Minato-ku, Tokyo 108-0073, Japan	

Full name of eighth joint inventor, if any Nitta ISOKO	
Inventor's signature <i>Nitta Isoko</i>	Date <i>March 29, 2004</i>
Residence MITA43MT Building, 13-16 Mita 3-chome, Minato-ku, Tokyo 108-0073, Japan	
Citizenship Japan	
Post Office Address MITA43MT Building, 13-16 Mita 3-chome, Minato-ku, Tokyo 108-0073, Japan	
Full name of ninth joint inventor, if any Inami HARUKI	
Inventor's signature <i>Inami Haruki</i>	Date <i>Mar. 29, 2004</i>
Residence MITA43MT Building, 13-16 Mita 3-chome, Minato-ku, Tokyo 108-0073, Japan	
Citizenship Japan	
Post Office Address MITA43MT Building, 13-16 Mita 3-chome, Minato-ku, Tokyo 108-0073, Japan	
Full name of tenth joint inventor, if any	
Inventor's signature	Date
Residence	
Citizenship	
Post Office Address	
Full name of eleventh joint inventor, if any	
Inventor's signature	Date
Residence	
Citizenship	
Post Office Address	